

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

|  |   |                                 |
|--|---|---------------------------------|
| In re Application of:                            | ) | PATENT APPLICATION              |
| Inventor: Sheng Teng Hsu                         | ) |                                 |
| Serial No.: Not Yet Assigned                     | ) | Attorney Docket No.<br>SLA 0806 |
| Filed: Herewith                                  | ) |                                 |
| Title: 3D RRAM                                   | ) | Customer Number<br>27,518       |
| Assignee: Sharp Laboratories of America,<br>Inc. | ) |                                 |

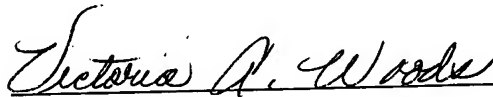
22141 U.S. PTO  
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Victoria A. Woods

Signature Date: **November 24, 2003**

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Sir:

Transmitted herewith for filing is a patent application identified as follows:

Inventor: Sheng Teng Hsu

Title: 3D RRAM

No. of pages in Specification: 15 No. of Claims: 7

No. of sheets of Drawings: 7 Formal:     , Informal: X

Also enclosed are:

- X A Declaration.
- X An Assignment and Recordation Form Cover Sheet.
- X Power of Attorney by Assignee.
- A certified copy of a priority application.
- A Verified Statement to establish small entity status.
- X An Information Disclosure Statement under 37 C.F.R. §1.56.

The filing fee pursuant to 37 C.F.R. §1.16 is determined as follows:

| No.<br>Filed                                      | No.<br>Extra |  | Rate<br>Small Entity/<br>Other Than<br>Small Entity |   |           |
|---|--------------|--|---|---|-----------|
| Basic Fee   |              |  | \$385.00  |   |           |
|   |              |  | \$770.00  | = | \$ 770.00 |
| Total Claims <u>7</u> - 20                        |              |  | \$ 9.00   |   |           |
| <u>0</u> X  |              |  | \$18.00   |   | \$ 000.00 |
| Independent Claims <u>3</u> - 3                   |              |  | \$ 43.00  |   |           |
| <u>0</u> X  |              |  | \$ 86.00  |   | \$ 00.00  |
| First Presentation of Multiple Dependent Claim(s) |              |  | \$145.00  |   |           |
| (0)   |              |  | \$290.00  |   | \$ 00.00  |
|   |              |  | Total   |   | \$ 770.00 |

- If the difference is less than zero, enter "0".

X Please charge Deposit Account No. 19-1457 in the amount of (\$ 810.00) to cover the filing fee ( \$ 770.00 ) and assignment recording fee (\$40.00). A duplicate copy of this authorization is enclosed.

   A check in the amount of \$ 0.00 to cover the filing fee (\$ 0.00) and assignment recording fee (\$ 0.00) is enclosed.

X The Commissioner is hereby authorized to charge underpayment of any fees, (including those listed below), or credit any overpayment associated with this communication to Deposit Account No. 19-1457. A duplicate copy of this authorization is enclosed.

X Any additional filing fees under 37 C.F.R. § 1.16.

X Any patent application processing fees under 37 C.F.R. § 1.17.

Customer Number: Please associate this patent application with Customer Number 27,518.

Date: 11/24/03

Respectfully submitted,

By: 

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Reg. No. 27,672

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